Storm Data and Unusual Weather Phenomena - January 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KANSAS, Extreme South	neast			
(KS-Z073) BOURBON, (KS-Z093	7) CRAWFORD, (KS-Z101) CHEROKEE			
	01/28/10 21:00 CST		0	Heavy Snow
	01/29/10 20:00 CST		0	
- -	snow to southeast Kansas and southern Miss ncreased in intensity on January 29th as a sto were common.	= '	=	_
MISSOURI, Southwest				
DOUGLAS COUNTY 1.5 SSW	V ANN [37.01, -92.21], 2.0 SSW ANN [37.00, -92	2.21], 2.3 SSW AN	N [37.00, -92.22], 1	1.9 SW ANN [37.01, -92.22]
	01/23/10 22:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 09:00 CST		0	Source: Department of Highways
A low water crossing, on State R	Route EE, was flooded and impassable.			
HOWELL COUNTY 1.3 ESE L	LEOTA [36.52, -92.01], 1.0 ESE LEOTA [36.52,	-92.01], 0.9 SE LE	OTA [36.52, -92.02	2], 1.2 SE LEOTA [36.52, -92.01]
	01/23/10 23:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 09:00 CST		0	Source: Department of Highways
A low water crossing, on Highwa	ay 142, was flooded and impassable.			
WRIGHT COUNTY 4.1 NNE N	MANSFIELD [37.17, -92.54], 3.7 NNE MANSFIE	ELD [37.16, -92.54]	, 4.0 NE MANSFIE	LD [37.16, -92.54], 4.2 NE MANSFIELD
[37.17, -92.53]				
	01/23/10 23:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 09:00 CST		0	Source: Department of Highways
A low water crossing, on Route A	AB, was flooded and impassable.			
	BUFFALO ARPT [37.68, -93.12], 3.0 NW BUFF	ALO [37.69, -93.1	3], 3.1 NW BUFFA	LO [37.68, -93.14], 2.5 NW BUFFALO
[37.68, -93.13]	01/24/10 00:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 00:00 CST		0	Source: Department of Highways
A low water crossing, on Route 0	C along Lindley Creek, was flooded and impass	sable.		
MORGAN COUNTY 1.3 ENE	ZWANZIG [38.34, -92.91], 1.3 NE ZWANZIG [38	8.34, -92.91], 1.2 N	IE ZWANZIG [38.3	4, -92.91], 1.1 NE ZWANZIG [38.34,
-92.91]		-	_	
	01/24/10 00:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 00:00 CST		0	Source: Law Enforcement
A low water crossing, on Locust	Road along Locust Creek, was flooded and imp	passable.		
	DSON [37.72, -93.24], 1.9 NE GOODSON [37.7	2, -93.24], 2.7 EN	GOODSON [37.7	2, -93.22], 2.9 NE GOODSON [37.72,
-93.23]	01/24/10 00:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 00:00 CST		0	Source: Department of Highways
A low water crossing, on Route F				
WEBSTER COUNTY OLGA [37.10, -92.92], 0.2 WSW OLGA [37.10, -92.92],	0.5 SSW OLGA 13	37.09, -92.921. 0.4 5	SSE OLGA [37.09, -92.92]
	01/24/10 04:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 08:00 CST		0	Source: Department of Highways
A low water eressing an Davids	7 was flooded and impressable			
tiow water crossing, on Route 2	Z, was flooded and impassable.			

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Storm Data and Unusual Weather Phenomena - January 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WRIGHT COUNTY 1.7 W RAYBORN [37	7.30, -92.40], 1.4 W RAYBORN [37.3	0, -92.39], 1.6 WN	W RAYBORN [37.3	1, -92.39], 2.0 WNW RAYBORN [37.32,
-92.40]	01/24/10 04:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 00:00 CST		0	Source: Department of Highways
A low water crossing, on Route E, was floo	ded and impassable.			
WRIGHT COUNTY 2.1 N JERKTAIL [37.	.4592.451. 2.5 N JERKTAIL [37.46.	92.451. 2.5 N JEI	RKTAIL [37.4692	.441. 2.1 N JERKTAIL [37.4592.44]
	01/24/10 04:00 CST	,	0	Flood (due to Heavy Rain)
	01/25/10 08:00 CST		0	Source: Department of Highways
A low water crossing, on Route Z, was floor	ded and impassable.			
TEXAS COUNTY 4.3 NW PRESCOTT [3	87.46, -91.99], 3.8 NW PRESCOTT [37.47, -91.97], 3.0	NW PRESCOTT [3	7.46, -91.97], 3.8 WNW PRESCOTT
[37.45, -91.99]			_	
	01/24/10 08:00 CST		0	Flood (due to Heavy Rain)
	01/25/10 08:00 CST		0	Source: Department of Highways
A low water crossing, on Route BB along th	ne Big Piney River, was flooded and	impassable.		
MARIES COUNTY 2.8 ESE BELLE [38.2		.65], 4.1 ESE BELI		
	01/24/10 08:05 CST		0	Flood (due to Heavy Rain)
	01/25/10 08:05 CST		0	Source: Law Enforcement
	=	VA MUNI MEML A	RPT [36.97, -92.72], 2.5 W AVA MUNI MEML ARPT
	=	VA MUNI MEML A	RPT [36.97, -92.72], 2.5 W AVA MUNI MEML ARPT Flood (due to Heavy Rain)
	73]	VA MUNI MEML A	-	-
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92.	01/24/10 09:00 CST 01/25/10 09:00 CST		0	Flood (due to Heavy Rain)
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the	.73] 01/24/10 09:00 CST 01/25/10 09:00 CST e Beaver Creek, was flooded and im .76, -92.61], 2.2 W NOBLE [36.75, -5	passable.	0 0 LE [36.75, -92.62],	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62]
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92.	.73] 01/24/10 09:00 CST 01/25/10 09:00 CST e Beaver Creek, was flooded and im .76, -92.61], 2.2 W NOBLE [36.75, -6 01/24/10 09:00 CST	passable.	0 0 0 LE [36.75, -92.62],	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain)
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the	.73] 01/24/10 09:00 CST 01/25/10 09:00 CST e Beaver Creek, was flooded and im .76, -92.61], 2.2 W NOBLE [36.75, -5 01/24/10 09:00 CST 01/25/10 09:00 CST	passable.	0 0 LE [36.75, -92.62],	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62]
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95 DOUGLAS COUNTY 1.2 SSE OLATHE [.73] 01/24/10 09:00 CST 01/25/10 09:00 CST Beaver Creek, was flooded and im .76, -92.61], 2.2 W NOBLE [36.75, -5 01/24/10 09:00 CST 01/25/10 09:00 CST i, was flooded and impassable.	passable. 92.61], 2.6 W NOB	0 0 0 LE [36.75, -92.62], 0 0	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager
A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95	01/24/10 09:00 CST 01/25/10 09:00 CST e Beaver Creek, was flooded and im .76, -92.61], 2.2 W NOBLE [36.75, -5 01/24/10 09:00 CST 01/25/10 09:00 CST i, was flooded and impassable.	passable. 92.61], 2.6 W NOB	0 0 0 LE [36.75, -92.62], 0 0	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager
A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95	01/24/10 09:00 CST 01/25/10 09:00 CST e Beaver Creek, was flooded and im .76, -92.61], 2.2 W NOBLE [36.75, -90.1/24/10 09:00 CST 01/25/10 09:00 CST i, was flooded and impassable. [37.01, -92.52], 1.4 SSE OLATHE [30.1/24/10 09:30 CST	passable. 92.61], 2.6 W NOB	0 0 0 LE [36.75, -92.62], 0 0 SSE OLATHE [37.0	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager 1, -92.52], 1.5 S OLATHE [37.01, Flood (due to Heavy Rain)
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95 DOUGLAS COUNTY 1.2 SSE OLATHE [-92.53]	01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST Beaver Creek, was flooded and im 0.76, -92.61], 2.2 W NOBLE [36.75, -5 01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST 01/24/10 09:30 CST 01/25/10 09:00 CST	passable. 92.61], 2.6 W NOB 7.01, -92.52], 1.7 S	0 0 0 LE [36.75, -92.62], 0 0	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95 DOUGLAS COUNTY 1.2 SSE OLATHE [-92.53]	01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST Beaver Creek, was flooded and im 0.76, -92.61], 2.2 W NOBLE [36.75, -5 01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST 01/24/10 09:30 CST 01/25/10 09:00 CST	passable. 92.61], 2.6 W NOB 7.01, -92.52], 1.7 S	0 0 0 LE [36.75, -92.62], 0 0 SSE OLATHE [37.0	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager 1, -92.52], 1.5 S OLATHE [37.01, Flood (due to Heavy Rain)
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95 DOUGLAS COUNTY 1.2 SSE OLATHE [-92.53] A low water crossing, on State Route U at E	01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST Beaver Creek, was flooded and im 0.76, -92.61], 2.2 W NOBLE [36.75, -93.61], 2.2 W NOBLE [37.01, -92.52], 1.4 SSE OLATHE [37	passable. 92.61], 2.6 W NOB 7.01, -92.52], 1.7 S	0 0 0 LE [36.75, -92.62], 0 0 SSE OLATHE [37.0 0 0	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager 1, -92.52], 1.5 S OLATHE [37.01, Flood (due to Heavy Rain) Source: Department of Highways
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95 DOUGLAS COUNTY 1.2 SSE OLATHE [-92.53] A low water crossing, on State Route U at E	01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST Beaver Creek, was flooded and im 0.76, -92.61], 2.2 W NOBLE [36.75, -90.1/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST 01/24/10 09:30 CST 01/25/10 09:00 CST 01/25/10 09:00 CST Bryant Creek, was flooded and impa	passable. 92.61], 2.6 W NOB 7.01, -92.52], 1.7 S	0 0 0 LE [36.75, -92.62], 0 0 SSE OLATHE [37.0 0 0	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager 1, -92.52], 1.5 S OLATHE [37.01, Flood (due to Heavy Rain) Source: Department of Highways
DOUGLAS COUNTY 2.7 W AVA MUNI N [36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95 DOUGLAS COUNTY 1.2 SSE OLATHE [-92.53] A low water crossing, on State Route U at E DOUGLAS COUNTY 1.7 E AVA [36.95, A low water crossing, on State Route FF ale	01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST Beaver Creek, was flooded and im 0.76, -92.61], 2.2 W NOBLE [36.75, -90.62], 1.4 SSE OLATHE [37.01, -92.52], 1.5 ST O1/25/10 09:00 CST	passable. 92.61], 2.6 W NOB 7.01, -92.52], 1.7 S assable. , 2.5 E AVA [36.95	0 0 0 LE [36.75, -92.62], 0 0 SSE OLATHE [37.0 0 0	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager 1, -92.52], 1.5 S OLATHE [37.01, Flood (due to Heavy Rain) Source: Department of Highways
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95 DOUGLAS COUNTY 1.2 SSE OLATHE [-92.53] A low water crossing, on State Route U at E	01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST Beaver Creek, was flooded and im 0.76, -92.61], 2.2 W NOBLE [36.75, -5] 01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:30 CST 01/25/10 09:00 CST Bryant Creek, was flooded and impa 0.92.62], 1.6 ENE AVA [36.96, -92.62] 01/24/10 10:30 CST 01/25/10 09:00 CST	passable. 92.61], 2.6 W NOB 7.01, -92.52], 1.7 S assable. , 2.5 E AVA [36.95]	0 0 0 LE [36.75, -92.62], 0 0 0 0 , -92.60], 2.0 E AVA	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager 1, -92.52], 1.5 S OLATHE [37.01, Flood (due to Heavy Rain) Source: Department of Highways 1, [36.95, -92.61] Flood (due to Heavy Rain) Source: Department of Highways
[36.96, -92.72], 2.6 NNE ARNO [36.96, -92. A low water crossing, on Route Y along the OZARK COUNTY 2.3 WNW NOBLE [36. A low water crossing, on State Highway 95 DOUGLAS COUNTY 1.2 SSE OLATHE [-92.53] A low water crossing, on State Route U at E DOUGLAS COUNTY 1.7 E AVA [36.95, -	01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST Beaver Creek, was flooded and im 0.76, -92.61], 2.2 W NOBLE [36.75, -5] 01/24/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:00 CST 01/25/10 09:30 CST 01/25/10 09:00 CST Bryant Creek, was flooded and impa 0.92.62], 1.6 ENE AVA [36.96, -92.62] 01/24/10 10:30 CST 01/25/10 09:00 CST	passable. 92.61], 2.6 W NOB 7.01, -92.52], 1.7 S assable. , 2.5 E AVA [36.95]	0 0 0 LE [36.75, -92.62], 0 0 0 0 , -92.60], 2.0 E AVA	Flood (due to Heavy Rain) Source: Emergency Manager 2.7 WNW NOBLE [36.76, -92.62] Flood (due to Heavy Rain) Source: Emergency Manager 1, -92.52], 1.5 S OLATHE [37.01, Flood (due to Heavy Rain) Source: Department of Highways 1, [36.95, -92.61] Flood (due to Heavy Rain) Source: Department of Highways

A slow moving storm system brought an extended period of heavy rainfall which produced flooding across portions of the Missouri Ozarks. Numerous road closures were reported as streams and creeks swelled and low water crossings and roads became

impassable.

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Storm Data and Unusual Weather Phenomena - January 2010

Location Date/Time Deaths & Property & Event Type and Details
Injuries Crop Dmg

(MO-Z079) POLK, (MO-Z080) DALLAS, (MO-Z082) TEXAS, (MO-Z088) JASPER, (MO-Z089) DADE, (MO-Z090) GREENE, (MO-Z091) WEBSTER, (MO-Z092) WRIGHT, (MO-Z093) NEWTON, (MO-Z094) LAWRENCE, (MO-Z095) CHRISTIAN, (MO-Z096) DOUGLAS, (MO-Z097) HOWELL, (MO-Z098) SHANNON, (MO-Z101) MCDONALD, (MO-Z102) BARRY, (MO-Z103) STONE, (MO-Z104) TANEY, (MO-Z105) OZARK, (MO-Z106) OREGON

01/28/10 20:00 CST

0

Winter Storm

01/29/10 23:00 CST

0

A winter storm brought heavy snow to southeast Kansas and southern Missouri on Friday, January 29, 2010. Light snow began the night of January 28th then increased in intensity on January 29th as a storm system tracked across Arkansas. Total storm snow accumulations of 5 to 8 inches were common.

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